

Title: Repair using Plastic as the Sliding Mechanism for Laterally Sliding Doors/Windows Page1/2

Date 12-17-04

Application #10/608,961 - Art unit 3676 - Confirmation #7398 - Chuck Mah/Examiner

Inventor: Joe Sirochman

Address: 150 Hardy Way

Hiram, GA 30141

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ORIGINAL CLAIM

What is claimed is:

1) A repair of the sliding mechanism for sliding glass doors and windows using plastic with a low friction coefficient as the main sliding mechanism for a laterally sliding door/window comprising:

a flat plastic, having a predetermined length, width and thickness, attached to the entire length and next to the roller rail of a sliding door/window track, and

a flat piece of plastic, having a predetermined length, width and thickness and being bent in roughly a 90 degree angle width-wise with a lengthwise split in the middle of one the sides of the angle and slightly split up the other side of the angle,

where said piece bent in an angle is attached to the lower corners of a door/window where the portion split lengthwise is placed under said sliding door/window and the roller rail of the door track is inserted in the split, and aligned over said plastic attached to the track of said door/window whereby said plastic will come in contact with each other.

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CHANGED CLAIM:

- 1) [A device for repairing sliding glass doors and windows using plastic with a low friction coefficient as the main sliding mechanism for a laterally sliding door/window comprising:

of a flat plastic, having a width of approximately 1/2 inch and a thickness of approximately 1/8 inch, attached to the entire length and next to, on one or both sides of the roller rail, of a sliding door/window track, and

another flat piece of plastic, having a predetermined length of approximately 5 inches, with a width of approximately 15/16<sup>th</sup> of an inch and a thickness of approximately 1/8 inch and being bent in roughly a 90 degree angle at approximately 1/5<sup>th</sup> of the length with a 3/8<sup>th</sup> inch wide cut running down the middle of the remaining 4/5<sup>th</sup> of the length and slightly up the other side of the angle,

where said piece bent in an angle is attached to the lower corners of a door/window where the portion with the cut is placed under said sliding door/window and the roller rail of the door track is inserted in the cut

where a small rectangular piece of plastic roughly 4 inches long by 3/8 inches wide by 1/8 thick, having a double sided tape applied to one side, can be adhered to the horizontal portion of the above mentioned part that is attached to the said sliding glass door/window. ]